

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33527
Name: J D Dreiling Oil, Inc
Address 1: 215 6th St
Address 2: _____
City: Claffin State: KS Zip: 67525 + _____
Contact Person: Dennis W. Dreiling
Phone: (620) 5873658 785-6587282
CONTRACTOR: License # 33350
Name: Southwind Drilling, Inc
Wellsite Geologist: James C Musgrove
Purchaser: NCRA

Designate Type of Completion:
 New Well _____ Re-Entry _____ Workover _____
 Oil _____ SWD _____ SLOW _____
_____ Gas _____ ENHR _____ SIGW _____
_____ CM (Coal Bed Methane) _____ Temp. Abd. _____
_____ Dry _____ Other _____
(Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
_____ Deepening _____ Re-perf. _____ Conv. to Enhr. _____ Conv. to SWD _____
_____ Plug Back: _____ Plug Back Total Depth _____
_____ Commingled _____ Docket No.: _____
_____ Dual Completion _____ Docket No.: _____
_____ Other (SWD or Enhr.?) _____ Docket No.: _____
8-31-2009 9-7-2009 10-26-2009
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 009-25321-0000
Spot Description: 95' south 15' east of
NW NE NW Sec. 22 Twp. 17 S. R. 12 East West
425 Feet from North / South Line of Section
1665 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Barton
Lease Name: Anna B Well #: 1
Field Name: _____
Producing Formation: Arbuckle
Elevation: Ground: 1845 Kelly Bushing: 1854
Total Depth: 3425 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 3940 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: _____
feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan AH I NUR 1-25-10
(Data must be collected from the Reserve Pit)
Chloride content: _____ ppm Fluid volume: _____ bbls
Dewatering method used: _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Jane A. Dreiling
Title: Secretary Date: 1-4-10
Subscribed and sworn to before me this 4th day of January,
2010.
Notary Public: Clara Nadine Pauley
Date Commission Expires: 09-18-13

NOTARY PUBLIC - State of Kansas
CLARA NADINE PAULEY
My Appt. Expires 09-18-13

KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
_____ UIC Distribution

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Operator Name: J D Dreiling Oil, Inc Lease Name: Anna B Well #: 1
 Sec. 22 Twp. 17 S. R. 12 East West County: Barton

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets) Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy) List All E. Logs Run: by Log Tech; Dual Induction, Dual Compensated Porosity Log, Microresistivity & Borehole Compensated Sonic Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
--	--

Handwritten: KCC 01/06/10

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	9	8 5/8		394	Class A	200	2% gel 3% cc
Production	7 7/8	5 1/2		3424	Common	165	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

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Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3355-40	250 gal mud acid	
		500 gal 15% acid	

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TUBING RECORD: Size: <u>2 3/8 "</u> Set At: <u>3403'</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. _____		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf

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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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QUALITY OILWELL CEMENTING, INC.

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 3272

Date	9-1-09	Sec.	22	Twp.	17	Range	12	County	Barton	State	Ks	On Location		Finish	1:00 PM
------	--------	------	----	------	----	-------	----	--------	--------	-------	----	-------------	--	--------	---------

Lease	AMA	Well No.	B#1	Location	RED WINGS KS
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Contractor	Southwind Drils #2	Owner	3N 1 1/2 E S 1100
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Type Job	SURFACE	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.	
----------	---------	--	--

Hole Size	12 1/4	T.D.	400	Charge To	J.D. DRILLING OIL INC
-----------	--------	------	-----	-----------	-----------------------

Csg.	8 5/8 23'	Depth	394	Street	
------	-----------	-------	-----	--------	--

Tbg. Size		Depth		City		State	
-----------	--	-------	--	------	--	-------	--

Drill Pipe		Depth		The above was done to satisfaction and supervision of owner agent or contractor.		
------------	--	-------	--	--	--	--

Tool		Depth				
------	--	-------	--	--	--	--

Cement Left in Csg.		Shoe Joint	15'	CEMENT		
---------------------	--	------------	-----	--------	--	--

Press Max.		Minimum		Amount Ordered	200sx Common 2% GEL 3% CL
------------	--	---------	--	----------------	---------------------------

Meas Line		Displace		Common	200
-----------	--	----------	--	--------	-----

Perf.				Poz. Mix	
-------	--	--	--	----------	--

EQUIPMENT

Pumptrk	5	No.	Cementer	JOB
			Helper	
Bulktrk	11	No.	Driver	DOUG
			Driver	
Bulktrk	10	No.	Driver	TOO
			Driver	

Gel.	4
Calcium	7
Mills	
Salt	
Flowseal	

JOB SERVICES & REMARKS

Pumptrk Charge	SURFACE
Mileage	20 @ 6.00
Footage	
Total	

Handling	211 @ 2.00
Mileage	.08 PER SX PER MILE
Pump Truck Charge	

Remarks: Run 9 1/2" 23' csg set @ 394

Mix: Pump 200sx Common 2% GEL 3% CL 15' GAL 1.36 ft³

SHUT DOWN Release Plug
Plug down
Close Valve on csg 250#

GOOD CIRC THRU JOB
CIRC OUT TO PLT

Thanks TOO JOB & DOUG
Signature: *Paula...*

PLEASE CALL AGAIN

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	1 8 5/8 WOODEN PLUG

Rotating Head	
Squeeze Mainfold	

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Tax	
Discount	
Total Charge	

QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 3377

Date	9-7-09	Sec.	22	Twp.	17	Range	12	County	Barton	State	Ks	On Location		Finish	10:00 AM	
Lease	Anna	Well No.	B [#] 1	Location	Reowing Ki											
Contractor	Southwind Dels #2							Owner	3 N 1 1/2 E Sinto							
Type Job	5 1/2 L.S.							To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.								
Hole Size	7 7/8	L.T.D.	3428			Charge To J. D. Deering										
Csg.	5 1/2	15.5	Depth	3424			Street									
Tbg. Size			Depth	City State												
Drill Pipe			Depth	City State												
Tool			Depth	The above was done to satisfaction and supervision of owner agent or contractor.												
Cement Left in Csg.			Shoe Joint	17.20			CEMENT 1/4" CF.									
Press Max.			Minimum	Amount Ordered 165x 10% Salt 5 1/2x Gilsonite												
Meas Line			Displace	81.08 bbl			Common 165 - 10 ⁰⁰									
Perf.	Poz. Mix															
EQUIPMENT																
Pumptrk	S	No.	Cementor	Joe												
			Helper													
Bulktrk		No.	Driver	Brannon												
			Driver													
Bulktrk	PV	No.	Driver	TODD												
			Driver													
JOB SERVICES & REMARKS																
Pumptrk Charge	5 1/2 L.S.		750 ⁰⁰			500 gal Mud Clean 48 400 ⁰⁰										
Mileage	20 - 6 ⁰⁰		Handling 182 - 2 ⁰⁰													
Footage	Mileage .08 Poles Pole m. L8 300 ⁰⁰															
	Total			Pump Truck Charge 5 1/2 FLOAT EQUIPMENT												
Remarks:	Run 5 1/2 15.5" set 2 3424															
	REG @ SHOE AFU DISCH 1st - 17.20															
	CENT 1-2-3-4-5-7-10-12															
	Pump 3 Bbls H3 12 Bbls MF 3 Bbls H3															
	Ply R hole 3x															
	MAX 6 Pump 135x Run csg @ 154 gal															
	SHUT DOWN RELEASE JW Plug washup tok															
	DISP 81.08 Bbls total															
	LEFT ANT 700 ⁰⁰															
	PLUS DOWN 1500 ⁰⁰															
	RELEASE 1 HOUR															
	5 1/2 Plug Cont. f MANIFOLD															
	Rotating Head															
	Squeez Mainfold															
Thanks	RECEIVED Tax															
TODD JOE Brannon	JAN 06 2010 Discount															
X Signature Dennis W. Deering	Total Charge															
	KCC WICHITA															

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JAMES C. MUSGROVE

Petroleum Geologist
212 Main Street
P.O. Box 215
Claflin, KS 67525

Office (620) 588-4250

Res. Claflin (620) 588-4254

J.D. Dreiling Oil Inc.
Anna 'B' #1
95' South & 15' East NW-NE-NW; Section 22-17s-12w
Barton County, Kansas
Page 1

5 1/2" Production Casing

Contractor: Southwind Drilling Company (Rig #2)
Commenced: August 31, 2009
Completed: September 6, 2009
Elevation: 1854' K.B.; 1852' G.L; 1845' G.L.
Casing program: Surface; 8/58" @ 394'
Production; 5 1/2" @ 3424'
Sample: Samples saved and examined 2600' to the Rotary Total Depth.
Drilling time: One (1) foot drilling time recorded and kept 2600 ft to the Rotary Total Depth.
Measurements: All depths measured from the Kelly Bushing.
Drill Stem Tests: There was one (1) Drill Stem Test.
Electric Log: By Log Tech; Dual Induction, Dual Compensated Porosity Log, Microresistivity and Borehole Compensated Sonic Log.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	727	+1127
Base Anhydrite	754	+1100
Topeka	2686	-832
Heebner	2970	-1116
Toronto	2987	-1133
Douglas	3000	-1146
Brown Lime	3066	-1212
Lansing	3081	-1227
Base Kansas City	3321	-1464
Conglomerate	3331	-1477
Reworked Arbuckle	3334	-1480
Solid Arbuckle	3336	-1482
Rotary Total Depth	3425	-1571
Log Total Depth	3428	-1574

(All tops and zones corrected to Electric Log measurements).

SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.

TOPEKA SECTION

2686-2969' There were several zones of well developed porosity encountered in the drilling of the Topeka section but no show of

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oil and / or gas was noticed (see attached Drilling Time / Sample Log.

TORONTO SECTION

2987-3000' Limestone; white, cream, finely crystalline, chalky, few scattered pin point porosity, no shows.

LANSING SECTION

3081-3091' Limestone; cream, gray, finely crystalline, slightly cherty (dense).

3112-3122' Limestone; cream, finely crystalline, chalky, poorly developed porosity, brown spotty stain, no show of free oil or odor in fresh samples.

3130-3140' Limestone; gray, white, slightly fossiliferous/ oolitic, poor visible porosity, golden brown/ stain, trace of free oil and no odor in fresh samples.

3151-3158' Limestone; whit/ cream, oolitic, chalky, sparry calcite cement, trace stain, no show of free oil and no odor in fresh samples.

3164-3174' Limestone; as above, fair spotty brown stain, no show of free oil, no odor.

Limestone; tan, buff, oolitic, oomoldic, good oomoldic porosity (barren).

3176-3190' Limestone; tan, gray, finely crystalline, slightly chalky, increasingly cherty, (dense).

3217-3224' Limestone; tan, such oomoldic, chalky, poor visible porosity, trace spotty brown stain, no show of free oil and no odor in fresh samples.

3240-3252' Limestone; tan, oolitic, slightly cherty , trace black tarry stain, no show of free oil and no odor in fresh samples.

3278-3290' Limestone; gray, white, fine to medium crystalline, few fossiliferous chalky, poor visible porosity, no shows.

CONGLOMERATE SECTION

3531-3535' Shale; maroon, green, trace white, oolitic opaque chert.

ARBUCKLE SECTION

3335-3337' Trace dolomite; white, cherty (reworked), and white sucrosic dolomite, no shows.

3337-3344' Dolomite; white, gray, fine to medium crystalline, few sucrosic, scattered pinpoint to fine intercrystalline porosity, light brown stain, show of free oil and faint odor.

3348-3354 Dolomite; as above.

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Drill Stem Test #1 3300-3354'

Times: **30-30-45-45**

Blow: **Weak**

Recovery: **25' clean oil**
 37' oil cut mud
 (30% oil, 70% mud)

Pressures: **ISIP 856 psi**
 FSIP 784 psi
 IFP 18-28 psi
 FFP 32-39 psi
 HSH 1638-1606 psi

3354-3364' Dolomite; cream, white/gray, medium crystalline, few sandy, fair porosity, no shows.

3364-3380' Dolomite; white, cream, medium to coarse crystalline, good intercrystalline and vuggy porosity, no shows, trace iron pyrite.

3380-3400' Dolomite; as above, few sandy, trace glauconitic, no shows.

3400-3425' Dolomite; white, medium crystalline, sandy, fair porosity, trace white chert, no shows.

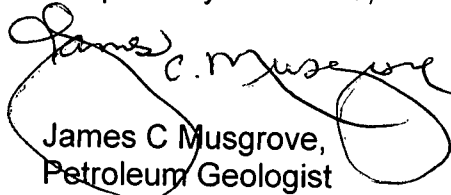
Rotary Total Depth 3425 (-1571)
Log Total Depth 3428 (-1574)

Recommendations:

5 1/2" production casing was set and cemented at 3425' (one foot off bottom), and the following zones should be tested.

1. Arbuckle Dolomite 3340-3344

Respectfully submitted;


James C Musgrove,
Petroleum Geologist

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